Appl. No. 10/662,793

Prel. Amdt. dated October 24, 2003

Amendments to th Specification:

Page 1, delete line 1: -- Description --

amend the title in lines 3 and 4 as follows:

-- Switching converter and method for driving a switch
in a switching converter SWITCHING CONVERTER AND
METHOD FOR DRIVING A SWITCH IN A SWITCHING CONVERTER--

between lines 4 and 6, insert

-- Background of the Invention:

Field of the Invention: --.

- Page 3, between lines 11 and 13, insert
 - -- Summary of the Invention: --.

Delete the paragraph from lines 22-24:

- -- These aims are achieved by means of a switching converter in accordance with the features of claim 1 and a method in accordance with the features of claim 11. --
- Pag 6, replace the paragraph from lines 19-20 with the following amended paragraph:

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-- The present invention is explained in more detail below using exemplary embodiments of referenced figures in which: shown in the figures. --

between lines 20 and 22 insert

-- Brief Description of the Drawings: --;

Page 7, between lines 16 and 18, insert

-- Description of the Preferred Embodiments: --.

Page 9, lines 1-15, replace the paragraph with the following material:

-- The control signal RS is generated by a controller arrangement RA1 in a manner dependent on the output voltage Uout. For this purpose, an output voltage signal US is fed to the controller arrangement RA1. In order to provide this output voltage signal US, provision is made of an optocoupler OK with a light-emitting diode and a photoresist PT, the phototransistor PT. The light-emitting diode LED being is connected in series with a resistor R1 between the output terminals AK1, AK2 of the rectifier arrangement GL1. The collector-emitter path of the phototransistor PT is connected in series with a resistor R2 between a supply potential V2 and reference-ground potential M. The output voltage signal US,

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proportional to the output voltage Uout, represents a voltage with respect to reference-ground potential M which can be tapped off at the collector of the phototransistor PT. --

Pages 20-21, delete the material on both of these pages
List of reference symbols

RA1 Controller arrangement

RS <u>Control signal</u>

AS1 Drive circuit

CLK Clock signal

K1 --- Clocked-comparator-arrangement

Vref Reference voltage signal

AI Drive pulses

Uin Input voltage

M Reference-ground potential

T1, T2, T3 Transistors

L1 Primary coil

L2 Secondary coil

TR Transformer

GL1 Rectifier arrangement

D1 Diode

C1 Capacitor

AK1, AK2 Output terminals

RL Load

Uout Output voltage R1, R2———Resistors Supply potential ₩2 ----Photo transistor LED Light-emitting diode OK Opto coupler -----Comparator FF Flip-flop IF---- Pulse shaper Delay element Output signal of the flip-flop Qout---- S1, S2 Switches ----Capacitor C2— ----Operational amplifier Vref Reference-voltage 10-Sampling unit ----Subtraction unit ---Summer -----Controller arrangement RA2 Drive circuit AS2 18— ———Pulse shaper 16 Comparator arrangement PW1, PW2 Level converters L3 Coil

----Capacitor

C3—

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GL2 Rectifier arrangement

Page 22, amend the top line as follows:

-- Patent Claims I claim: --.

After page 25, please add the Abstract, which is provided on the following page: